|   |          | ,,<br>   | ,0<br> |         |          | ,,<br>         |         | aı<br>III    | ,,,<br>      | 3<br>  |            |                            |            |               |                 |          | 10       | )/72     | 29,      | ,54          | 0                |         |        |          |            |          | s        | ULI      | _IV     | A٨           | ΙE           | ТΑ        | L.       |
|---|----------|----------|--------|---------|----------|----------------|---------|--------------|--------------|--------|------------|----------------------------|------------|---------------|-----------------|----------|----------|----------|----------|--------------|------------------|---------|--------|----------|------------|----------|----------|----------|---------|--------------|--------------|-----------|----------|
|   |          |          |        |         |          |                |         |              |              |        |            | Examiner  Michael P Nghiem |            |               |                 |          |          |          |          |              | Art Unit<br>2863 |         |        |          |            |          |          |          |         |              |              |           |          |
| 1 (40) (40) (40) (40) (40) (40) (40) (40) |          |          |        |         |          |                |         |              |              |        |            |                            |            |               |                 |          |          |          |          |              |                  |         |        |          |            |          |          |          |         |              |              |           |          |
|   |          | _        |        |         |          |                | 7       |              | Г            | _      |            |                            |            |               |                 |          |          |          | ٦        |              |                  |         |        |          | 1          |          |          |          |         |              |              | 7         |          |
|   |          | <b>√</b> | R      | eje     | cte      | ed             |         |              | -            | -      |            | (11                        | hrou<br>Ca | igh r<br>ance | ium<br>Iled     | era      | il)      |          |          | N            | N                | on-E    | Elec   | ted      |            | A        |          | ΑĮ       | ppe     | al           |              |           |          |
|   |          | _        | _      | Allowed |          |                |         |              | T            | .      | Restricted |                            |            |               |                 |          |          | f        |          | Interferer   |                  |         |        | 0        |            | Objected |          |          |         |              |              |           |          |
|   |          |          | _      |         | we       | <b>3</b> 0     |         |              |              | •      |            |                            |            | sinc          | tea             |          |          |          | Ĺ        | <u>'</u>     | ın               | terr    | erer   | 100      |            |          |          | Ob       | Jec     |              |              |           |          |
| Cla                                       | aim      |          |        |         |          | Dat            | te      | _            | _            | _      |            |                            | CI         | aim           |                 |          |          | D        | ate      | -            |                  |         |        | C        | aim        |          |          |          | Da      | ate          |              |           |          |
| <u> </u>                                  | inal     | ই        |        |         |          |                |         |              |              |        |            |                            | ल          | inal          |                 |          | -        |          |          |              |                  | İ       |        | ल        | inal       |          |          |          |         |              |              |           |          |
| Final                                     | Original | 10/5/04  |        |         |          |                |         |              |              |        |            |                            | Final      | Original      |                 |          |          |          |          |              |                  |         |        | Final    | Original   |          |          |          |         |              |              |           |          |
| 1   | 1        | =        |        |         |          |                | $\perp$ | $^{\dagger}$ | $\pm$        | 1      |            |                            |            | 51            |                 |          | 1        | 1        | 1        |              |                  |         |        |          | 101        |          |          |          |         | $\pm$        | $\pm$        |           |          |
| 3   | 3        | =        | _      | _       | ├-       | -              | ╀       | ╀            | +            | 4      | _          |                            |            | 52<br>53      | -               | 4        | $\dashv$ | $\dashv$ | 4        | 4            | -                | _       | -      |          | 102<br>103 | $\vdash$ | _        | -        | - -     | - -          | - -          | _         | <u> </u> |
| 4   | 4        | =        | -      |         | H        | ┢              | ╁       | ╁            | +            | ┪      | -          |                            |            | 54            | $\vdash$        | $\dashv$ | ᅥ        | -+       | +        | $\dashv$     | _                |         | -      | -        | 103        | +        | $\dashv$ | $\dashv$ | ╁       | +            | +            | +         | -        |
| 5   | 5        | =        |        |         |          |                |         |              | 1            | 1      |            |                            |            | 55            |                 |          |          |          |          |              |                  |         |        |          | 105        |          |          |          |         | 1            |              |           |          |
| 6_  | 6        | =        | _      | _       | ┡        | ╀              | ╀       | ╀            | +            | +      | _          |                            |            | 56            |                 | 4        | 4        | _        | 4        | -            | 4                | _       | -      |          | 106        | $\vdash$ |          | $\dashv$ | - -     | +            | -            | +         | <u> </u> |
| 7   | 7<br>8   | =        |        |         | H        | H              | +       | ╁            | +            | +      | $\dashv$   |                            |            | 57<br>58      | H               | $\dashv$ | +        | +        | +        | $\dashv$     | -+               | +       | -      | -        | 107<br>108 | +-       |          | +        | +       | +            | +            | ╬         | -        |
| 9   | 9        | =        |        |         |          |                |         |              |              | $\top$ |            |                            |            | 59            |                 |          |          |          |          |              |                  |         |        |          | 109        |          |          |          |         |              | $\perp$      |           |          |
| 10  | 10       | =        |        |         |          |                | L       |              | 1            | 1      |            |                            |            | 60            |                 | 4        | $\Box$   | $\Box$   | 4        |              | _                |         |        |          | 110        |          |          | _ _      | _ _     | 1            | Ţ            | _         |          |
| 11<br>12                                  | 11<br>12 | =        | _      |         | -        | ╀              | ╀       | ╁            | ╬            | +      | -          |                            |            | 61<br>62      | $\vdash$        | +        | $\dashv$ | +        | +        | -            | -                | +       | 4      | <u> </u> | 111<br>112 | $\vdash$ | $\dashv$ | -        |         | +            | +            | +         | -        |
| 13  | 13       | =        |        |         | $\vdash$ | H              | t       | t            | $^{\dagger}$ | +      | $\dashv$   |                            |            | 63            | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 7            | $\dashv$         | +       | -      |          | 113        | $\vdash$ | $\dashv$ | $\dashv$ | +       | $\dagger$    | $\dagger$    | +         | H        |
| 14  | 14       | =        |        |         |          |                |         | I            | 1            |        |            |                            |            | 64            |                 |          | $\Box$   |          |          |              |                  |         |        |          | 114        |          |          |          |         | Ţ            | T            |           |          |
| 15<br>16                                  | 15       | =        |        | _       | ┡        | ┝              | ╀       | ╀            | +            | +      | -          |                            |            | 65<br>66      | $\vdash$        | $\dashv$ | $\dashv$ |          | 4        | 4            | _                |         | 4      |          | 115<br>116 | +        |          | -        | - -     | +            | +            | -         | _        |
| 16<br>17                                  | 16<br>17 | =        | _      |         | $\vdash$ | $\vdash$       | ╁       | +            | +            | +      | $\dashv$   |                            |            | 67            | $\vdash$        | +        | $\dashv$ | +        | +        | $\dashv$     | $\dashv$         | +       | -      |          | 117        | $\vdash$ | $\dashv$ | +        | +       | +            | +            | +         |          |
| 18  | 18       | =        |        |         |          |                | T       |              |              |        |            |                            |            | 68            |                 |          |          |          |          |              |                  |         |        |          | 118        |          |          |          |         |              | I            |           |          |
| 19  | 19       | =        |        |         | L        | _              | 1       | $\perp$      | $\downarrow$ | 4      | _          |                            |            | 69            | $\square$       | $\perp$  | 4        | _        | 4        |              | _                | $\perp$ | 4      |          | 119        | $\sqcup$ |          | 4        | $\perp$ | $\downarrow$ | $\downarrow$ | +         | L        |
| 20<br>21                                  | 20<br>21 | =        |        |         | -        | ┼              | ╁       | ╁            | +            | +      | $\dashv$   |                            |            | 70<br>71      | $\vdash$        | $\dashv$ | $\dashv$ | +        | +        | -            | $\dashv$         | +       | -      |          | 120<br>121 | Н        | $\dashv$ | +        | +       | +            | +            | ╁         | $\vdash$ |
| 22  | 22       | =        |        |         |          |                |         |              | 土            | 1      |            |                            |            | 72            |                 |          |          |          |          |              |                  |         |        |          | 122        |          |          |          | 止       | 1            | $\pm$        |           |          |
| 23  | 23       | =        |        | _       | _        | <del>  -</del> | ╀-      | $\bot$       | 4            | 4      | _          |                            |            | 73            | -               | $\dashv$ | _        | _        | 4        | _            | 4                |         | -      |          | 123        | $\perp$  | $\dashv$ | 4        | -       | _            | - -          | 4-        | <u> </u> |
| <u>24</u><br>25                           | 24<br>25 | =        | _      | _       | ┢        | ├              | ╁       | +            | +            | +      | $\dashv$   |                            | -          | 74<br>75      |                 | $\dashv$ | +        | +        | $\dashv$ | -            | $\dashv$         | +       | -      |          | 124<br>125 | $\vdash$ | -        | +        | +       | +            | ╁            | ┿         | -        |
| 26  | 26       | = 1      |        |         |          |                | 1       | T            | $^{\dagger}$ | Ì      |            |                            |            | 76            |                 |          |          |          |          |              |                  |         |        |          | 126        |          |          |          |         | $\perp$      | $\perp$      |           |          |
| 27  | 27       | =        |        |         |          |                | L       | $\perp$      | $\perp$      |        |            |                            |            | 77            |                 | _        |          | 4        | $\Box$   |              | 4                | 4       | ]      |          | 127        |          |          |          | 4       | $\bot$       | $\bot$       | $\bot$    |          |
| 28<br>29                                  | 28<br>29 | =        | _      |         | ├-       | -              | ╁       | +            | - -          | +      |            |                            |            | 78<br>79      | -               | +        | +        |          |          | -            |                  | -       | -      | }        | 128<br>129 | $\vdash$ |          |          | +       | +            | +            | +-        | -        |
| 30  | 30       |          |        |         | T        | $\vdash$       | t       | t            | +            | T      | $\dashv$   |                            |            | 80            |                 | 十        | -        | 十        | 7        | _            | 十                | -       | ۱      | _        | 130        | $\vdash$ | -        | +        | +       | +            | ╫            | ╁         | -        |
| 31  | 31       | Ξ        |        |         |          |                |         |              | 1            | 1      |            |                            |            | 81            |                 |          |          |          |          |              |                  |         |        |          | 131        |          |          |          |         |              |              |           |          |
| 32  | 32       | =        |        |         | <u> </u> | ┞              | ╄-      | +            | +            | 4      | _          |                            |            | 82            | $\square$       | $\dashv$ | _        |          | 4        | _            |                  |         | 4      |          | 132        |          | _        | _ -      | - -     | 4            | +            | ╁         |          |
| 33<br>34                                  | 33<br>34 | =        |        |         | ┢        | ┢              | ╁       | +            | +            | +      | $\dashv$   |                            |            | 83<br>84      | $\vdash$        | +        | +        | -+-      | +        | -            | -                |         | -      |          | 133<br>134 | -        | -        | $\dashv$ | +       | ┿            | ╬            | +-        | ├        |
| 35  | 35       | =        |        |         | T        | ┢              | T       | $\dagger$    | $\top$       | 1      | $\dashv$   |                            |            | 85            | H               | 1        | $\dashv$ | 7        | 7        | 7            | 寸                |         | ۱      |          | 135        | $\vdash$ | $\dashv$ | +        | ╅       | +            | ╁            | +         | <u> </u> |
| 36  | 36       | Ξ        |        |         |          |                | L       | L            | Ţ            | 1      |            |                            |            | 86            |                 | ユ        | I        |          |          |              |                  |         |        |          | 136        |          |          |          | $\perp$ |              |              |           |          |
| 37  | 37       | =        |        |         | L        | ┡              | ╀       | ╀            | +            | +      | _          |                            |            | 87            | $\vdash \vdash$ | +        | $\dashv$ | -        | 4        | -            | $\dashv$         | -       | -      |          | 137        | $\vdash$ |          | -        | - -     | +            | +            | +         | _        |
| 38<br>39                                  | 38<br>39 | =        |        |         | $\vdash$ | $\vdash$       | +       | +            | +            | +      | $\dashv$   |                            |            | 88            | $\vdash$        | +        | $\dashv$ | $\dashv$ | +        | $\dashv$     | $\dashv$         | +       | -      |          | 138<br>139 |          | +        | +        | +       | +            | +            | +-        | +        |
|   | 40       |          |        |         |          |                | T       | İ            | ╧            | 1      |            |                            |            | 90            |                 |          | 寸        |          | _        |              | ╛                |         |        |          | 140        |          |          | _        | $\top$  | _            | +            | $\dagger$ |          |
|   | 41       |          |        |         |          |                |         | $\perp$      | T            | Ţ      | $\Box$     |                            |            | 91            | П               | $\Box$   | $\Box$   | $\bot$   | $\prod$  | J            | Ţ                | $\Box$  | ]      |          | 141        |          | $\Box$   | $\perp$  | T       | Ţ            | Ţ            |           |          |
|   | 42<br>43 | $\vdash$ |        |         | $\vdash$ | $\vdash$       | +       | +            | +            | +      | $\dashv$   |                            | -          | 92<br>93      | $\vdash$        | +        | +        | +        | $\dashv$ | $\dashv$     | +                | +       | -      |          | 142<br>143 |          |          | +        |         | +            | +            | +         | -        |
| _   | 44       | $\vdash$ |        |         |          | $\vdash$       | +       | +            | +            | +      | $\dashv$   |                            |            | 94            | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +        | -            | $\dashv$         |         | -      | -        | 144        |          | -        | $\dashv$ | +       | +            | +            | +         | $\vdash$ |
|   | 45       |          |        |         |          |                |         |              |              |        |            |                            |            | 95            |                 |          |          |          | ╛        |              |                  |         |        |          | 145        |          |          |          |         |              |              | 工         |          |
|   | 46       |          |        |         |          | <u> </u>       | 1       | 1            | $\perp$      | 4      | _          |                            |            | 96            |                 | $\bot$   | $\dashv$ | $\perp$  | 4        | $\downarrow$ | $\dashv$         | $\perp$ | 4      |          | 146        |          | $\Box$   | $\perp$  | $\bot$  | $\bot$       | $\perp$      | 1         | oxdot    |
|   | 47<br>48 | $\vdash$ | _      | _       | $\vdash$ | ⊢              | ╀       | ╀            | +            | +      | -          |                            |            | 97<br>98      | $\vdash \vdash$ | +        | $\dashv$ | +        | $\dashv$ | -            | +                | +       | -      |          | 147<br>148 |          | $\dashv$ | +        | +       | +            | +            | +         | -        |
|   | 40       | ı        | 1 1    |         |          | 1 _            | . I     | _L           | ŀ            | - 1    | - 13       | -:-:                       | l          | 1 30          | 1 1             |          | - 1      | - 1      | - 1      | - 1          | - 1              | 1       | 1:-:-: | i        | 140        | 1 1      | - 1      | - 1      |         | - 1          | - 1          | 1         | 1        |

Application No.

Applicant(s)